



CONGRESS OF THE UNITED STATES
Washington, D.C. 20515

Congressman Tom Latham, Iowa - 04
Fiscal Year 2010 Interior, Environment, and Related
Agencies Appropriations Member Project Requests

In accordance with the policies put forth by the House Appropriations Committee, I would like to share with you some information regarding the projects that I have submitted for consideration in the FY2010 Interior, Environment, and Related Agencies Appropriations Bill.

Project Name: Garner Wastewater Treatment Plant/ Trunk Sewer Reconstruction

Amount Requested: \$2,000,000

Account: STAG Water and Wastewater Infrastructure Project

Recipient: City of Garner

Recipient's Street Address: 135 West 5th Street Garner, IA 50438

Description: Construct improvements, including upgrading current aerated lagoon system to sequencing batch reactor mechanical plant and reconstruction of approximately 3000' of undersized trunk sewer line. DNR has mandated construction of wastewater plant to meet ammonia nitrogen standards. Trunk sewer carrying 70% of the community's flow needs to be upgraded from 12" diameter pipe to 24". The City's aerated lagoon system is no longer capable of meeting standards for ammonia nitrogen, and the DNR has mandated construction of a new plant. The project is extremely significant locally. Without securing outside funding, sewer rates will be triple what they were in 2005 for at least the next 20-25 years. This is a major expense for families in economic times that have hit Hancock County's employment base harder than the national average.

Project Name: Integrated Modeling of Food, Land Use and Ecosystem Services in a Changing Climate

Amount Requested: \$1,000,000

Account: EPA Science & Technology

Recipient: Iowa State University

Recipient's Street Address: 1750 Beardshear Hall Ames, IA 50011

Description: Agricultural productivity, biofuels, food security, and ecosystem services are highly interrelated systems that respond to public policies, market forces, and new technologies. Because agriculture is highly sensitive to weather, climate change introduces additional complexity to the interactions of these systems. In efforts to anticipate trends in these interrelated

systems, computational simulation models can yield cost-effective, reasoned predictions about the future on the basis of historical data and relationships among complex variables. Presently, individual models exist for global and regional climate, crop production, agricultural and natural ecosystems, agrohydrology, biogeochemical processes, agricultural economic systems, and ecosystem services, yet these models have not been adequately integrated with one another. The proposed program will refine these models for mixed cropping systems and perennial crops and interlink these models, enabling policy makers, industry leaders, and the public to anticipate the economic consequences of climate change and variability; demonstrate how particular policy decisions and new technologies can help to mitigate and adapt to climate change; and identify strategies for promoting sustainable economic growth and food and energy security. The overall outcome of this endeavor will be a tested tool for anticipating how policy and resource management decisions will affect food and energy security as well as economic markets and climate. With this tool, Midwestern leaders will be well positioned to assimilate quickly new climate information and capitalize on global changes in agricultural markets.

Project Name: Mason City Water Treatment Sand Pressure Filter System

Amount Requested: \$1,000,000

Account: STAG Water and Wastewater Infrastructure Project

Recipient: City of Mason City

Recipient's Street Address: 10 First St., NW Mason City, IA 50401

Description: The project is to construct a sand pressure filter system for the Mason City, Iowa water plant. The filter system will remove the iron, which acts as a carrier of radium, in the water before entering the other filter system making the system more efficient, cost effective and improve water quality. Currently, the city's filtering systems are effective for approximately five days because of the high iron content of the water. The project will allow the city to use fewer chemicals and reduce the number of filters necessary, thereby reducing costs.

Project Name: Water Systems Council/Wellcare

Amount Requested: \$750,000

Account: EPA Environmental Programs and Management

Recipient: Water Systems Council

Recipient's Street Address: 1101 30th Street Washington, DC 20007

Description: The wellcare project is the only national program providing information and training, and operating a free hotline to help ensure a safe drinking water supply for the more than 42 million American who rely on household wells or small, shared wells. Federal funds for safe drinking water activities under the SDWA do not benefit household well owners.